

## Section 1650

### 1640-3 CONSTRUCTION METHODS

Place the coir fiber baffles immediately upon construction of sediment dams and basins. Install 3 baffles in basins with a spacing of 1/4 the basin length and according to the detail sheets. Install 2 coir fiber baffles in basins less than 20 ft in length with a spacing of 1/3 the basin length.

Place steel posts at a depth of 2 ft below the basin surface, with spacing of no more than 4 ft. The top height of the coir fiber baffles shall not be below the elevation of the emergency spillway base of dams and basins. Attach a 9-gauge high-tension wire strand to the steel posts at a height of 3 ft with plastic ties or wire fasteners. Install a steel post into side of the basin at a variable depth and a height of 3 ft from the bottom of the basin to anchor coir fiber mat. Secure anchor post to the upright steel post in basin with wire fasteners.

Drape the coir fiber mat over the wire strand with at least 3 ft of material on each side of the strand. Secure the coir fiber mat to the posts and wire strand with wire staples or other acceptable methods. Place staples across the matting at ends and junctions approximately one foot apart at the bottom and side slopes of basin. Overlap matting at least 6" where 2 or more widths of matting are installed side by side. Refer to details in the plans. The Engineer may require adjustments in the stapling requirements to fit individual site conditions.

### 1640-4 MEASUREMENT AND PAYMENT

*Coir Fiber Baffles* will be measured and paid as the actual number of linear feet of coir fiber baffles which are installed and accepted. Such price and payment will be full compensation for all work covered by this section, including, but not limited to, furnishing all materials, labor, equipment and incidentals necessary to install the coir fiber baffles.

Payment will be made under:

Pay Item	Pay Unit
Coir Fiber Baffles	Linear Foot

## SECTION 1650 WOODED AREA CLEANUP

### 1650-1 DESCRIPTION

Remove and satisfactorily dispose of debris and of dead, partially dead or broken vegetation from wooded areas of the right of way outside clearing limits and from other areas outside construction limits on which seeding and mulching is not to be performed. Work includes treating stumps with herbicide and repairing any damage to vegetation.

Cutover timberland, reforested areas or thickets of young native volunteer vegetation will be considered to be wooded areas.

### 1650-2 MATERIALS

Refer to Division 10.

Item	Section
Herbicide	1060-13

### 1650-3 CONSTRUCTION METHODS

Remove all logs, stumps, snags, loose roots, down timber, slabs, tree laps, lumber, dead or partially dead trees, broken trees or brush, dead brush, sawdust piles, discarded fences, leaf piles, brick, tile masonry and other debris from the cleanup areas. Cut, all dead trees, stumps, snags, broken or partially dead trees and brush, flush with the ground. Remove vegetation which dies between initial cleanup and completion of the project before final acceptance. Hand raking of areas or removal of a normal leaf layer is not required unless stated in the contract.

Treat partially dead stumps or broken vegetation with a herbicide immediately after cutting. Use the herbicide and the method and rate of application, specified in the contract. Follow all applicable instructions, warnings and safety precautions stated on the manufacturer's label, and comply with all laws and regulations governing herbicides that are in effect at the time of use.

Dispose of all material cleaned up under this item in accordance with the applicable requirements of Article 200-5 and Article 802-2.

#### **1650-4 DAMAGE TO REMAINING VEGETATION**

Conduct operations so as to prevent injury to trees, shrubs or other types of vegetation that are to remain growing and to prevent damage to adjacent property.

Remove broken branches and rough edges of scarred trees or shrubs. Prune and shape these areas in accordance with the International Society of Arboriculture pruning techniques. Cut and dispose of any plants that are damaged beyond their value for landscape purposes and seed and mulch vegetation that is damaged by the Contractor at no cost to the Department when so directed.

#### **1650-5 MEASUREMENT AND PAYMENT**

*Wooded Area Cleanup* will be measured and paid in acres, measured horizontally, completed and accepted.

Payment will be made under:

<b>Pay Item</b>	<b>Pay Unit</b>
Wooded Area Cleanup	Acre

### **SECTION 1651 SELECTIVE VEGETATION REMOVAL**

#### **1651-1 DESCRIPTION**

Remove selected living trees and undesirable living undergrowth from areas of the right of way outside clearing limits in accordance with these Specifications. Work includes treating stumps with herbicide and repairing any damage to vegetation.

#### **1651-2 MATERIALS**

Refer to Division 10.

<b>Item</b>	<b>Section</b>
Herbicide	1060-13

#### **1651-3 CONSTRUCTION METHODS**

##### **(A) Trees**

Remove trees shown in the plans or designated. Measure all tree diameter sizes at a height of 4.5 ft above the ground.

##### **(B) Undergrowth**

Remove all undergrowth from areas shown in the plans, described in the Specifications or designated, except for those plants designated to be preserved. All plants less than 4" in diameter, measured at a height of 4.5 ft above the ground shall be classified as undergrowth.